


# Charlotte Department of Transportation

## Memorandum

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**Date:** December 19, 2007

**To:** Keith MacVean  
Charlotte-Mecklenburg Planning Department

**From:**   
Scott L. Putnam  
Development Services Division

**Subject:** Rezoning Petition 08-023: Located on the northwest corner of  
Equipment Drive and Jeremiah Drive

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**Consistency with Transportation Action Plan (TAP):** The two goals of the TAP that most directly affected the staff's review of this petition define the integration of land use and transportation, and the provision of transportation choices.

- Goal 1 of the TAP relies on the Centers, Corridors and Wedges land use strategy to be implemented. This project site is located in a Wedge and appears to support the Centers, Corridors and Wedges land use strategy as limited commercial development in a Wedge.
- Goal 2 of the TAP describes various connectivity and design features that are important for motorists, pedestrians and bicyclists. Specific comments are identified below that need to be addressed for CDOT's support of the petition and to bring the site plan into compliance with the TAP and best practices for multimodal transportation.

### Vehicle Trip Generation

The proposed zoning is 8.693 acres I-1(CD) and 20.037 acres B-2(CD). Vehicle trip generation analysis could not be performed because of the lack of detailed site plan as required by the Conditional District. Once the detailed site plan is submitted, the analysis will be performed. Therefore, CDOT reserves the right to require a Traffic Impact Study and/or turn lanes with future submittals of this petition.

We have the following specific comments that are critical to CDOT's support of the rezoning petition:

1. A more detailed Conditional Plan needs to be submitted for review.
2. The site needs to be served internally with only one access driveway onto Equipment Drive. Shared driveways may be considered once a more detailed site plan is submitted and reviewed.
3. Cross-access between Parcels A and B via internal driveway connections needs to be provided.

We have the following specific comments that are important to CDOT's support of the rezoning petition. We would like the petitioner to give serious consideration to these comments/requests. These may require coordination with related CMPC issues.

1. The petitioner needs to provide 5-foot sidewalks along Equipment Drive, as measured from 2 feet inside the future right-of-way line of Interstate 85.
2. The petitioner needs to provide one stub driveway to the parcel adjacent to and southwest of the site.
3. The site plan needs provide an internal system of 5-foot or wider sidewalks that connects building entrances to new sidewalks along Equipment Drive.

We have the following general comments that are provided to aid the petitioner in planning and subsequent permitting phases:

Adequate sight triangles must be reserved at the existing/proposed street entrance(s). Two 35' x 35' and two 10' x 70' sight triangles are required for the entrance(s) to meet requirements. All proposed trees, berms, walls, fences, and/or identification signs must not interfere with sight distance at the entrance(s). Such items should be identified on the site plan.

The proposed driveway connection(s) to Equipment Drive will require a driveway permit(s) to be submitted to CDOT and the North Carolina Department of Transportation for review and approval. The exact driveway location(s) and type/width of the driveway(s) will be determined by CDOT during the driveway permit process. The locations of the driveway(s) shown on the site plan are subject to change in order to align with driveway(s) on the opposite side of the street and comply with City Driveway Regulations and the City Tree Ordinance.

Any fence or wall constructed along or adjacent to any sidewalk or street right-of-way requires a certificate issued by CDOT.

A Right-of-Way Encroachment Agreement is required for the installation of any non-standard item(s) (irrigation systems, decorative concrete pavement, brick pavers, etc.) within a proposed/existing City maintained street right-of-way by a private individual, group, business, or homeowner's/business association. An encroachment agreement must be approved by CDOT prior to the construction/installation of the non-standard item(s). Contact CDOT for additional information concerning cost, submittal, and liability insurance coverage requirements.

To facilitate building permit/driveway permit review and approval, the site plan must be revised to include the following:

- All Charlotte Land Development Standards, latest revision, will apply.
- Dimension width of the existing and proposed driveways.
- New/reconstructed driveways must be drop curb ramp Type II driveways.
- Indicate the locations and widths of all adjacent and opposing driveways.
- Indicate typical parking module dimensions.
- Include a parking summary with figures for the numbers of parking spaces required and provided.

If we can be of further assistance, please advise.

SLP

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Rezoning File